

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, May 2019
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	392	44	0	5,171	68,771	6,698	6,270	2,255	33,950
Petroleum Products	16,425	206	0	16,748	39,735	8,181	5,213	107,197	22,906
Natural Gas Liquids	6,551	186	0	1,636	27,823	4,335	461	739	6,234
Ethane	5,124	0	—	0	11,991	520	—	0	813
Propane	775	57	0	1,180	8,022	2,108	212	739	762
Normal Butane	161	74	0	372	3,690	916	77	0	245
Isobutane	267	55	0	84	1,127	333	172	0	333
Natural Gasoline	224	0	—	0	2,993	458	—	0	4,081
Refinery Olefins	0	0	—	467	318	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	467	318	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	18	0	—	0	1,336	—	—	0	173
Motor Gasoline Blending Components	6,731	0	0	1,374	1,577	1,662	0	55,695	11,118
Reformulated - RBOB	0	0	0	64	162	—	0	7,160	7,496
Conventional	6,731	0	0	1,310	1,415	1,662	0	48,535	3,622
CBOB	6,731	0	0	1,310	1,282	1,662	0	48,385	3,007
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	133	—	—	150	615
Renewable Fuels	0	0	0	11,164	6,300	413	4,557	436	0
Fuel Ethanol	0	0	0	10,983	5,974	376	4,358	436	0
Renewable Diesel Fuel ²	0	0	0	181	326	36	199	0	0
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	80	0	0	275	153	240	0	6,767	1,466
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	80	0	0	275	153	240	0	6,767	1,466
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	80	0	0	275	153	240	0	6,767	1,466
Finished Aviation Gasoline	0	0	—	0	0	—	—	100	13
Kerosene-Type Jet Fuel	384	0	0	83	0	840	0	15,752	1,405
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,661	0	0	990	1,032	671	0	26,394	2,183
15 ppm sulfur and under	2,661	0	0	990	1,032	671	0	24,877	2,058
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—	—	1	125
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	1,516	—
Residual Fuel Oil	0	0	—	—	686	—	—	—	0
Petrochemical Feedstocks	0	0	—	0	43	—	—	109	0
Naphtha for Petrochemical Feedstock Use	0	0	—	—	43	—	—	—	0
Other Oils for Petrochemical Feedstock Use	—	0	—	0	0	—	—	109	—
Special Naphthas	0	0	—	—	0	—	—	—	19
Lubricants	0	0	0	0	0	—	0	511	149
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	183	251	0	0	26	0
Asphalt and Road Oil	0	20	0	576	216	20	195	668	146
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total	16,817	250	0	21,920	108,506	14,879	11,483	109,452	56,856

See footnotes at end of table.

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, May 2019
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to		
	4	5	1	2	3	5	1	3	4
Crude Oil	0	97	0	23,461	930	0	0	0	0
Petroleum Products	0	5,061	0	13,714	4,180	2,201	0	95	49
Natural Gas Liquids	0	137	0	12,219	3,892	146	0	0	0
Ethane	0	—	0	2,627	1,202	—	0	0	0
Propane	0	0	0	5,047	1,255	29	0	0	0
Normal Butane	0	110	0	2,124	433	15	0	0	0
Isobutane	0	27	0	887	356	102	0	0	0
Natural Gasoline	0	—	0	1,534	646	—	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	—
Motor Gasoline Blending Components	0	3,850	0	155	0	944	0	0	0
Reformulated - RBOB	—	2,446	0	0	0	0	0	0	—
Conventional	0	1,404	0	155	0	944	0	0	0
CBOB	0	1,404	0	155	0	944	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	—
Renewable Fuels	0	63	0	0	0	0	0	0	24
Fuel Ethanol	0	0	0	0	0	0	0	0	0
Renewable Diesel Fuel ²	0	63	0	0	0	0	0	0	24
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	404	0	590	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	404	0	590	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	404	0	590	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	—
Kerosene-Type Jet Fuel	0	295	0	22	0	25	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	514	0	476	0	293	0	0	0
15 ppm sulfur and under	0	514	0	476	0	293	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	0	0	0	—	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	—
Petrochemical Feedstocks	—	—	0	0	0	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	—
Other Oils for Petrochemical Feedstock Use	—	—	0	—	0	—	0	0	—
Special Naphthas	—	—	—	0	0	—	—	0	—
Lubricants	—	0	0	0	0	0	0	95	—
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	146	128	46	0	0	25
Asphalt and Road Oil	0	201	0	291	160	158	0	0	0
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total	0	5,158	0	37,175	5,110	2,201	0	95	49

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.